

## **COPYRIGHT NOTICE**

This geotechnical log and its associated data (the Document) is licensed by the Queensland Department of Transport and Main Roads under the [Creative Commons Attribution 4.0 Licence](#) (CC BY 4.0). When reusing the Document, in whole or in part, please attribute the Department as follows: "*(c) State of Queensland (Department of Transport and Main Roads) 2020, licensed under the CC BY 4.0 Licence*". This licence does not apply to the Queensland Government logo or trademarks.

## **LIMITATION OF LIABILITY**

The CC BY 4.0 Licence contains a comprehensive Disclaimer of Warranties and Limitation of Liability. In addition, please note that this Document was prepared for Departmental use only. Reuse of the Document by anyone for any other purpose could result in error and/or loss. You should obtain professional advice before making decisions based on the contents of the Document.

When reproducing any part of this Document, you must also reproduce this limitation of liability notice in addition to the italicised attribution statement above.

Retrieved from the Queensland Geotechnical Database <http://qgd.org.au/>

# ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND  
SYMBOLS REFER FORM BQF 075:191/95

BOREHOLE No : 5  
SHEET : 1 OF 2  
REFERENCE No : H8211

PROJECT : NUNDAH BYPASS GEOTECHNICAL INVESTIGATION

LOCATION : 40452.362E 38766.048N

PROJECT No : MP1037

SURFACE R.L. : 22.41

DRILLER : DALY BROTHERS PTY LTD

JOB No :

DATUM : AHD

DATE DRILLED : 10/02/98

DEPTH (m)	R.L. (m)	ALGER CORE DRILLING CORE DRILLING CASING OTHER	RQD (%)	CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC	WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	22.41					SHALE XW - Very low strength with engineering properties of a very stiff to hard silty to sandy clay. (USC=CH)							
1												6, 8, 9 N=17	SPT
2						Occasional XW Sandstone beds in parts.						LL=58.4% PI=33.6% MC=21.6% WD=2.04t/m3	
3			75										
4			36			Colour varies as shown below; 0 - 3.3m red 3.3 - 5.5m red mottled grey > 5.5m grey						4, 7, 12 N=19	SPT
5							XW						
6												LL=69% PI=42.4% MC=24% WD=2.0t/m3	
7													
8			92			No bedding of fissility evident						LL=70.2% PI=44.8% MC=12.8% WD=2.2t/m3	
9	13.41												
10	12.41		100			SANDSTONE DW - Red, very low strength with the engineering properties of a very stiff sandy clay. (USC=SC)	DW					LL=38.4% PI=24.2% MC=8.4% WD=2.22t/m3	

REMARKS :

LOGGED BY

J. MARTIN

(c) State of Queensland (Department of Transport and Main Roads) 2020, CC BY 4.0. Please note copyright and limitation of liability notices on attached cover page.